

Air Quality around Arnolds Field in April 2023

Data for April 2023 from the two new nodes, as well as pre-existing ones further away from Arnolds Field are shown below.

NB. The London Fire Brigade (LFB) report no call outs for fires at Arnolds Field during April 2023 as shown below in the LFB screenshot of the incident database. The closest incident being a rubbish fire on Lambs Lane as denoted by the purple square. This zero figure also includes calls for which people believe there is a fire and crews have attended and there is none.



The data shows levels of particulates (PM_{2.5}) and NO₂ in residential areas adjacent to Arnolds Field

In summary, levels of these two pollutants:

- displayed the same trends over time as seen in areas further away
- were similar to if not lower than that in areas further away
- PM_{2.5} levels were consistently 'low' when compared to the short-term thresholds (daily mean) set in the UK Government's 'Daily Air Quality Index' (DAQI).
- NO₂ levels were consistently 'low' when compared to the short term thresholds (hourly mean) set in the UK Government's 'Daily Air Quality Index' (DAQI).

You can see further information about UK legal limits for [air pollution and guidance from the World Health Organisation \(WHO\)](#).

You can find data from all the nodes around Arnolds Field are shared in more or less real time on the Breathe London website.

April 2023 - PM2.5 Particles Level (Index) by Node Site (Daily)

Approx. distance from Arnolds Field	Site Name																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0.5 km N	Acer Avenue	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	1	2	1	2	2
1 km N	King Edwards Ave	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	1	2	1	2	2
1.2 km NW	Rainham ref.	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	2	2	1	2	2
3 km N	Scotts Primary	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	1	1	2	1	2	2
3 km SW	Slade Green	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	3	1	1	1	1	2	1	2	2
3.6 km W	Fontain Avenue	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	1	2	1	1	2
6.5 km W	Goresbrook School	1	1	1	2	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	1	2	3	1	1	1	1	2	1	2	2
7 km N	Cotleigh Road	1	1	1	2	2	1	1	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	2	1	2	2
10 km N	Bedfords Park	1	1	1	2	2	1	1	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	2	1	2	2

Based on the daily mean concentration for historical data, latest 24 hour running mean of current day

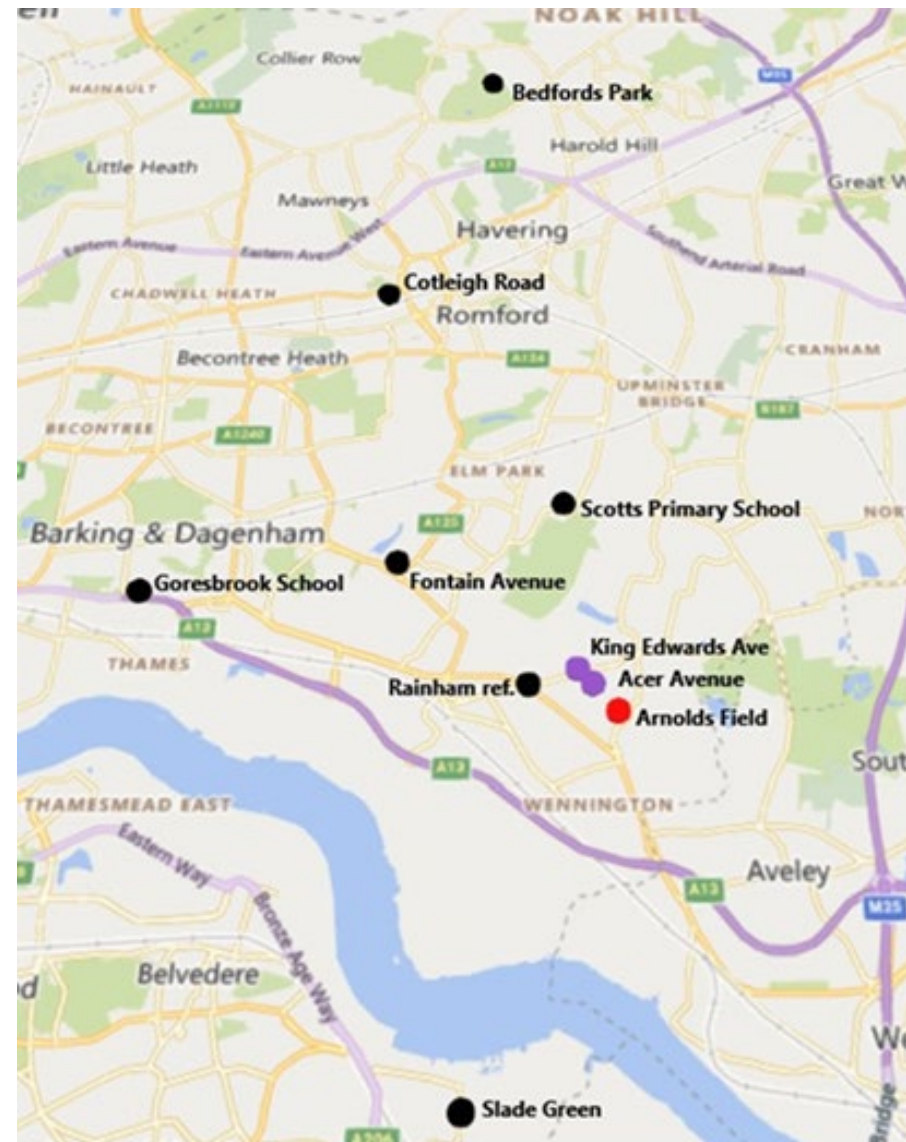
April 2023 - Nitrogen Dioxide Level (Index) by Node Site (Hourly)

Approx. distance from Arnolds Field	Site Name																														
0.5 km N	Acer Avenue	[Hourly data visualization]																													
1 km N	King Edwards	[Hourly data visualization]																													
1.2 km NW	Rainham (refer	[Hourly data visualization]																													
3 km N	Scotts Primary	[Hourly data visualization]																													
3 km SW	Slade Green	[Hourly data visualization]																													
3.6 km	Fontain Avenue	[Hourly data visualization]																													
6.5 km W	Goresbrook School	[Hourly data visualization]																													
7 km N	Cotleigh Road	[Hourly data visualization]																													
10 km N	Bedfords Park	[Hourly data visualization]																													

Based on the hourly mean concentration

The reference stations and Breathe London Nodes on the homepage map are coloured according to the government's 'Daily Air Quality Index' (DAQI) shown below.

Band	Index	PM2.5 (24 hour mean mg/m3)	Nitrogen dioxide (1 hour mean mg/m3)
Low	1	0-11	0-66
	2	12-23	67-133
	3	24-35	134-200
Moderate	4	36-41	201-267
	5	42-46	268-334
	6	47-53	335-400
High	7	54-58	401-467
	8	59-64	468-534
	9	65-70	535-600
Very High	10	>71	>601



- Arnolds Field (Launders Lane)
- Additional Breathe London nodes
- Pre-existing air quality monitors